

California High-Speed Train Project



Request for Proposal for Design-Build Services

RFP No.: HSR 11-16

Book 3, Part D, Subpart 2 Approach for Obtaining ICS Environmental Approvals/Permits

Revision(s)	Date	Description
0	03/22/2012	Initial Release
1	10/29/2012	Addendum 5
2	12/14/2012	Addendum 7
3	01/08/2013	Addendum 9
4	07/22/2013	Execution Version

APPROACH FOR OBTAINING ICS ENVIRONMENTAL APPROVALS/PERMITS

			Merced to Fresno HST Section		Fresno to Bakersfield HST Section		
Responsible Regulatory Agency		Approval/Permit Needed	Construction Package #1A	Construction Package #1B	Construction Package #1C	Party to Obtain Approval/Permit	Comments
		Project Limits: Env. Document:	See Note Below * Merced to Fresno	See Note Below * Merced to Fresno	See Note Below * Fresno to Bakersfield		
1	USFWS	Section 7 Biological Opinion	Required for ROD	Required for ROD	Required for ROD	Authority	Will include construction-related biological mitigation measures.
2	NMFS	Section 7 Biological Opinion	Required for ROD	Required for ROD	N/A	Authority	Will include construction-related biological mitigation measures.
3	CA SHPO	Section 106 MOA/Treatment Plan	Required for ROD	Required for ROD	Required for ROD	Authority	For MF, MOA/Treatment Plan has been signed by Authority, FRA and SHPO. The plans include construction-related mitigation measures to be performed by the Contractor. MOA/Treatment Plans will also be required for FB (to be completed by Authority).
4	FRA	Air Quality General Conformity Determination	Required for ROD	Required for ROD	Required for ROD	Authority	FRA determination was completed for the entire Merced to Fresno section and is still pending for the Fresno to Bakersfield HST section. Requires coordination with FRA, EPA, State air resources board, and air quality district.
5	FRA / USDOl	Section 4(f)/Section 6(f) Determination	Required for ROD	Required for ROD	Required for ROD	Authority	Section 4(f) pertains to potential project impacts to parks and recreational lands, wildlife and waterfowl refuges, and historic sites; Section 6(f) pertains to existing parks that utilized Land and Water Conservation funds for property acquisition or park development.
6	SJVAPCD	San Joaquin Valley Air Pollution Control District (SJVAPCD) Indirect Source Review	Obtain After ROD	Obtain before ROD	Obtain Before ROD	Authority	Will include construction-related mitigation measures and compliance with SJVAPCD Rules.
7	CDFG	Title 14 Memorandum of Agreement	Obtain After ROD	N/A	N/A	Authority	Requires agreement with CDFG for impacts to Camp Pashayan from construction of a bridge crossing of the San Joaquin River
8	SWRCB	Section 401 - State Water Quality Certification	Obtain After ROD	Obtain After ROD	Obtain After ROD	Authority	Certification to be issued by State Water Resources Control Board
9	SWRCB	Section 402 - NPDES Permit <i>Construction General NPDES Permit</i>	Obtain After ROD and Prior to Ground Disturbance	Obtain After ROD and Prior to Ground Disturbance	Obtain After ROD and Prior to Ground Disturbance	Contractor	Pertains to any activity with ground disturbance greater than one acre. Requires filing a Notice of Intent for Coverage and preparation and filing of a Storm Water Pollution Prevention Plan (SWPPP). Contractor will comply with the post-development provisions of Section XIII of the General Construction Permit as set forth in the entry for the HST Individual MS4 Permit below.
10		<i>Industrial General NPDES Permit</i>	N/A	N/A	N/A	N/A	Pertains to discharges from industrial type activities (e.g., fueling, cleaning, repairing facilities) that would be built under a separate Construction Package at a future date.
11		<i>Individual HST Municipal Separate Storm Sewer NPDES Permit</i>	Obtain After ROD and Prior to Storm Drain Operation	Obtain After ROD and Prior to Storm Drain Operation	Obtain After ROD and Prior to Storm Drain Operation	Authority	Pertains to post-development discharges of stormwater. The Authority is working with the SWRCB to obtain an Individual HST Permit from the SWRCB prior to completion of the first operational storm drain. The Authority will obtain an Individual MS4 NPDES Permit and will prepare and obtain approval of Storm Water Management Plan (SWMP) pursuant thereto, and Contractor will be responsible for implementing both upon completion of the first operational storm drain. With respect to implementation of storm water control measures and design and construction of post-development BMPs, the Authority anticipates that the Individual HST MS4 Permit post-development storm water management requirements and standards (including those for water quality treatment, low impact development, and hydromodification) will be based upon, and substantially similar to the 2012 Caltrans MS4 Permit.

HSR13-06 - EXECUTION VERSION

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							Therefore, the Contractor should design and construct BMPs that comply with the storm water management requirements and standards of the 2012 Caltrans MS4 Permit to comply with the future Individual HST MS4 Permit and Section XIII of the Construction General Permit, except that areas of the Project located within the Fresno Metropolitan Flood Control District's (FMFCD's) Master Plan boundaries may comply instead with the Fresno MS4 Permit, in the Contractor's discretion. For purposes of complying with the 2012 Caltrans MS4 Permit, the Contractor may use the most recent version of the Caltrans Project Planning Design Guide (Caltrans 2010), as it may be amended from time to time, as guidance to select and implement storm water treatment, low impact development, and hydromodification BMPs. The Contractor will not file a Notice of Termination under the Construction General Permit (NOT) until the Individual HST Permit has been issued and the NOT is approved for filing by the Authority. The Contractor will provide written notice to the Authority no later than 90 days before completion of the first operational storm drain.
12	USACE	Section 404 Clean Water Act - Dredge and Fill Permit Programmatic Permit Project Level Consistency Determination	Obtain After ROD Obtain After Programmatic Permit and Prior to Construction	Obtain After ROD Obtain After Programmatic Permit and Prior to Construction	Obtain After ROD Obtain After Programmatic Permit and Prior to Construction	Authority Contractor	A 404 permit is needed for both the Merced to Fresno and Fresno to Bakersfield HST sections. Permit requires that a ROD and 408 Determination be issued by the USACE, a Biological Opinion be issued by USFWS and NMFS, and a Section 401 Certification from the SWRCB. The 404 permit will include construction-related biological mitigation measures that are different than and in addition to those of the 408 and the Biological Opinion and 401 Certification.
13	CDFG	Section 1602 Streambed Alteration Agreement Programmatic Permit Project Level Consistency Determination	Obtain After ROD Obtain After Programmatic Permit and Prior to Construction	Obtain After ROD Obtain After Programmatic Permit and Prior to Construction	Obtain After ROD Obtain After Programmatic Permit and Prior to Construction	Authority Contractor	Pertains to any activity related to diverting or obstructing the natural flow of any river, stream or lake; change or use of any material from the bed, channel, or bank of any river, stream or lake; deposit or dispose of debris waste or any other material where it may pass into any river, stream or lake. Authority is attempting to obtain final permit so that no Contractor Consistency Determination will be required, but Authority may not be successful. Regardless of whether a programmatic or project level permit is obtained, the final permit will include construction-related biological mitigation measures.
14	CDFG	Section 2081 Incidental Take Permit	Obtain After ROD	Obtain After ROD	Obtain After ROD	Authority	Will include construction-related biological mitigation measures
15	USACE	Section 408 Determination	Obtain After ROD	N/A	N/A	Authority	In order to support the issuance of the 404 Permit, the USACE or its delegee will need to issue a 408 Minor Determination acknowledging the proposed project will have little or no impact on Corps' owned/operated/maintained flood control facilities.

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16	CVFPB	Encroachment Permits (CA Title 23; USACE Section 208.10; and Local Maintaining Agency Endorsement)	Obtain After ROD	Obtain After ROD	Obtain After ROD	Contractor	<p>This permit is administered by the CVFPB in two stages and will be obtained by the Contractor on behalf of the Authority. The first stage is a General Permit for all encroachments within the construction package. The application for this permit is based on 60% design drawings provided by the Contractor. The application must also include the Local Maintaining Agency endorsement. The Contractor will present the 60% design to the LMA and may be required to make certain changes necessary to obtain their endorsement prior to submitting a General Permit Application.</p> <p>The second stage is issuance of individual permits for each encroachment. Each individual permit will require the Contractor to submit the 90% and the 100% plans and specifications to the CVFPB. The CVFPB will solicit comments from the USACE. Contractor will prepare the submittal packages and respond to comments from the CVFPB and USACE.</p>
17	Local Agency Floodplain Administrators	National Flood Insurance Program (NFIP) Compliance	Obtain After ROD	Obtain After ROD	Obtain After ROD	Contractor	A local floodplain building permit is required before construction or development begins within any Special Flood Hazard Area (SFHA) shown on local Flood Insurance Rate Maps (FIRM). Permits are required to ensure that proposed development projects meet the requirements of the NFIP and the community's floodplain management ordinances. This approval is provided by the local agency's floodplain administrator.
18	FEMA	Condition Letter of Map Revision (CLOMR)/ Letter of Map Revision (LOMR)	Obtain After ROD	Obtain After ROD	Obtain After ROD	Contractor	NFIP regulations require a Conditional Letter of Map Revision (CLOMR) to be obtained from FEMA before a project can be built if the project is located on a stream or river that has been studied using detailed hydrologic and hydraulic analyses to establish Base Flood Elevations. Following construction of the project, a Letter of Map Revision (LOMR) application is required to obtain a Letter of Determination from FEMA.
19	Caltrans	Right-of-Way Encroachment Permits	Obtain After ROD	Obtain After ROD	Obtain After ROD	Contractor	Required for any construction-related activity within the Caltrans right-of-way.
20	State Lands Commission	Long-Term Lease	Obtain After ROD	N/A	N/A	Authority	Required for building upon or otherwise occupying sovereign and/or school lands. Sovereign lands include beds of navigable rivers such as the San Joaquin River, lakes and streams and submereg tidal lands.
21	CPUC	CA Public Utilities Commission Approvals/Permits Programmatic Permit Project Level Consistency Determination	Obtain After ROD Obtain After ROD	Obtain After ROD Obtain After ROD	Obtain After ROD Obtain After ROD	Authority Contractor	CPUC General Order No. 95 requires approval for overhead electric line construction, including overhead catenary construction and the location of power systems. Also, CPUC has approval for closure of existing or construction of new railroad grade crossings.

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NOTE: All permits for Construction Packages 1A and 1B other than the Belmont/Olive Work to be obtained by the Authority, except the HST Individual MS4 Permit, will be issued by the later of (a) 90 days after issuance of Notice to Proceed - 1, or (b) the latest deadline for providing access to all parcels subject to the permit as set forth in the ROW Acquisition Plan. All permits for the Belmont/Olive Work to be obtained by the Authority, except the HST Individual MS4 Permit, will be obtained by the later of (a) 90 days after issuance of Notice to Proceed - 2, or (b) the latest deadline for providing access to all parcels subject to the permit as set forth in the ROW Acquisition Plan. All permits for Construction Package 1C to be obtained by the Authority, except the HST Individual MS4 Permit, will be obtained by the later of (a) 90 days after issuance of Notice to Proceed - 3 for Construction Package 1C, or (b) the latest deadline for providing access to all parcels subject to the permit as set forth in the ROW Acquisition Plan. Project level consistency determinations will be based on the program level permit obtained by the Authority. The HST Individual MS4 Permit shall be obtained prior to Contractor completion of the first operational storm drain, and upon delivery to the Contractor, the Contractor shall comply with the SWMP as noted above.

* For a definition of CP1A, CP1B, and CP1C refer to the Scope of Work, Attachment 1 - Limits of Work Table.

Legend:

- Authority - California High-Speed Rail Authority

Caltrans - California Department of Transportation

CA SHPO - California State Historic Preservation Officer

CDFG - California Department of Fish and Game

CPUC - California Public Utilities Commission

CVFPB - Central Valley Flood Protection Board

FRA - Federal Railroad Administration
- NMFS - National Marine Fisheries Service

SJVAPCD - San Joaquin Valley Air Pollution Control District

SWRCB - California State Water Resources Control Board

USACE - United States Army Corps of Engineers

USDOI - United States Department of Interior

USEPA - United States Environmental Protection Agency

USFWS - United States Fish and Wildlife Service

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